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World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Pollution and Energy (GRPE)

REPORT OF THE WORKING PARTY ON POLLUTION AND ENERGY (GRPE)
ON ITS FORTY-FIFTH SESSION */
(13 – 17 January 2003)

ATTENDANCE

1. GRPE held its forty-fifth session from 13 to 17 (morning only) January 2003, under the chairmanship of Mr. B. Gauvin (France). Experts from the following countries participated in the work following Rule 1(a) of the Rules of Procedure of WP.29 (TRANS/WP.29/690): Belgium; Canada; Czech Republic; Denmark; Finland; France; Germany; Hungary; Italy; Japan; Netherlands; Norway; Poland; Republic of South Africa; Russian Federation; Spain; Sweden; Switzerland; United Kingdom; United States of America; Yugoslavia. Experts from the European Commission (EC) also participated. Experts from the following non-governmental organizations took part in the session: International Organization for Standardization (ISO); International Touring Alliance/International Automobile Federation (AIT/FIA); International Organization of Motor Vehicle Manufacturers (OICA); International Motorcycle Manufacturers Association (IMMA); The Oil Companies' European Organization for Environment, Health and Safety (CONCAWE); Association for Emissions Control by Catalyst (AECC/CEFIC); European Natural Gas Vehicle Association (ENGVA); European LPG Association (AEGPL); Federation of European Motorcyclists' Associations (FEMA); European Association of Internal Combustion Engine Manufacturers (EUROMOT); European Committee of Associations of Manufacturers of Agricultural Machinery (CEMA); European Garage Equipment Manufacturers Association (EGEA). Experts from the Engine Manufacturers Association (EMA) participated at the invitation of the secretariat.

*/ Following the agreement reached at the forty-fourth session, the forty-fifth session of GRPE proper was preceded by five informal meetings (TRANS/WP.29/GRPE/2003/1, -/Add.1 and paras. 2 to 7 below).

2. The third informal meeting of the GRPE working group on world-wide harmonized heavy-duty vehicle on-board diagnostics (WWH-OBD) was held on 13 January 2003, under the chairmanship of Mr. M. Odaka (Japan). Experts from the following countries and organizations participated in the work: Belgium; Canada; Czech Republic; Finland; Germany; Hungary; Japan; Netherlands; Norway; Poland; Republic of South Africa; Russian Federation; Spain; Sweden; United Kingdom; United States of America; Yugoslavia; European Commission (EC); International Organization for Standardization (ISO); International Touring Alliance/International Automobile Federation (AIT/FIA); International Organization of Motor Vehicle Manufacturers (OICA); Association for Emissions Control by Catalyst (AECC/CEFIC); Engine Manufacturers Association (EMA). A summary of the proceedings of this informal meeting is given below (paras. 19-21).

3. The fourteenth informal meeting of the GRPE working group on the world-wide heavy-duty certification procedure (WHDC) was held on 14 January 2003 (morning only), under the chairmanship of Mr. C. Havenith (Netherlands). Experts from the following countries and organizations participated in the work: Belgium; Canada; Czech Republic; Finland; France; Germany; Hungary; Italy; Japan; Netherlands; Norway; Poland; Republic of South Africa; Russian Federation; Spain; Sweden; Switzerland; United Kingdom; United States of America; Yugoslavia; European Commission (EC); International Touring Alliance/International Automobile Federation (AIT/FIA); International Organization of Motor Vehicle Manufacturers (OICA); Association for Emissions Control by Catalyst (AECC/CEFIC); European LPG Association (AEGPL); European Association of Internal Combustion Engine Manufacturers (EUROMOT); Engine Manufacturers Association (EMA). A summary of the proceedings of this informal meeting is given below (paras. 9-12).

4. The third informal meeting of the GRPE working group on Off-Cycle emissions (Off-Cycle), was held on 14 January 2003 (afternoon only), under the chairmanship of Ms. Jane Armstrong (USA). Experts from the following countries and organizations participated in the work: Belgium; Canada; Czech Republic; Finland; France; Germany; Hungary; Japan; Netherlands; Norway; Poland; Republic of South Africa; Russian Federation; Spain; Sweden; Switzerland; United Kingdom; United States of America; Yugoslavia; European Commission (EC); International Touring Alliance/International Automobile Federation (AIT/FIA); International Organization of Motor Vehicle Manufacturers (OICA); International Motorcycle Manufacturers Association (IMMA); Association for Emissions Control by Catalyst (AECC/CEFIC); European Association of Internal Combustion Engine Manufacturers (EUROMOT); Engine Manufacturers Association (EMA). A summary of the proceedings of this informal meeting is given below (paras. 13-18).

5. The sixth informal meeting of the GRPE working group on the world-wide motorcycle emission test cycle (WMTC) was held on 15 January 2003 (morning only), under the chairmanship of Mr. C. Albus (Germany). Experts from the following countries and organizations participated in the work: Belgium, Canada; Czech Republic; Finland; France; Germany; Hungary; Italy; Japan; Netherlands; Norway; Poland; Republic of South Africa; Spain; Sweden; Switzerland; United Kingdom; United States of America; Yugoslavia; European Commission (EC); International Organization for Standardization (ISO); International Touring Alliance/International Automobile Federation (AIT/FIA); International Organization of Motor Vehicle Manufacturers (OICA); International Motorcycle Manufacturers Association (IMMA); Association for Emissions Control by Catalyst (AECC/CEFIC); Federation of European

Motorcyclists' Associations (FEMA). A summary of the proceedings of this informal meeting is given below (paras. 25-27).

6. The experts of WMTC took the opportunity to organize the ninth meeting of its working group WMTC FE ("fundamental elements"), which was held in parallel on 13 January 2003.

7. The sixth informal meeting of the GRPE Particle Measurement Programme (PMP) working group was held on 15 January 2003 (afternoon only) under the Chairmanship of Mr. M. Dunne (United Kingdom). Experts from the following countries and organizations participated in the work: Belgium, Canada; Czech Republic; Denmark; Finland; France; Germany; Hungary; Italy; Japan; Netherlands; Norway; Poland; Republic of South Africa; Russian Federation; Spain; Sweden; Switzerland; United Kingdom; United States of America; Yugoslavia; European Commission (EC); International Touring Alliance/International Automobile Federation (AIT/FIA); International Organization of Motor Vehicle Manufacturers (OICA); International Motorcycle Manufacturers Association (IMMA); Association for Emissions Control by Catalysts (AECC/CEFIC); European Garage Equipment Manufacturers Association (EGEA); Engine Manufacturers Association (EMA). A summary of the proceedings of this informal meeting is given below (paras. 22-24).

REGULATION No. 49 (Emissions of C.I., NG and P.I. (LPG) engines)

(a) Development of the emission testing procedure

8. GRPE agreed to consider this agenda item together with agenda item 10.2. (see paras. 54-57).

(b) World-wide heavy-duty certification procedure (WHDC)

Documentation: Informal document No. 17 of the annex to this report.

9. The Chairperson of the WHDC informal group, Mr. C. Havenith (Netherlands) informed GRPE on the progress of work, as considered during the fourteenth informal meeting, in the afternoon of 14 January 2003 (para. 3 above). He introduced the WHDC Summary Report (informal document No. 17) and thanked the participants of the group for their contributions. He reported that, due to financial problems, the emission validation programme was delayed. He said that, in the meantime, the European Commission had allocated a budget to conduct emissions test for four diesel engines at facilities in Germany in order to avoid further delay in the validation programme. GRPE was informed that the test work was still in progress and that the motor vehicle manufacturer's associations ACEA/OICA had declared the preparedness to allocate a budget for conducting validation tests with two gas engines. Mr. Havenith stated his intention to present the interim report on validation step 2 in the next GRPE session in May 2003 and the final conclusions could only be presented in August 2003. He added that the terms of reference for the Round Robin Test Programme had been discussed in the WHDC meeting and that the timetable still fitted with the foreseen start of the Round Robin Test in October 2003. The Chairperson of WHDC concluded that, with regard to the ranking capability of the WHDC cycles, the number of engines tested so far was still too low for an appropriate validation; however, the further engines foreseen within the framework of different programmes would allow meriting the ranking capability of the WHDC cycles finally.

10. GRPE agreed on the importance of the WHDC work and stressed the need to finalize the test cycle for the next GRPE session. The experts from the European Commission and from OICA confirmed their contribution and full support for the completion of the validation tests.

11. With regard to the development of a global technical regulation (gtr), the expert from the European Commission confirmed the technical sponsorship (TRANS/WP.29/861, para. 115) and volunteered to coordinate the elaboration of a proposal for a draft gtr for the forty-seventh GRPE session in January 2004 in cooperation with the delegations and their technical services. The expert from OICA offered his full assistance in the completion of this work.

12. The Chairman of GRPE thanked the WHDC group for the work done, for the report and for the presentation. He suggested that the group should meet again prior to the forty-sixth session of GRPE in May 2003 using two half-days of the official session (para. 65 below).

(c) Off-Cycle emissions (Off-Cycle)

Documentation: Informal documents Nos. 1, 2 and 12 of the annex to this report.

13. The Chairperson of the Off-Cycle group, Ms. J. Armstrong (United States of America) briefed GRPE on the status of the off-cycle emissions project. She informed GRPE on the results of the group during its informal meeting on 8 November 2002 in Paris (informal document No. 12) and on the progress of work, as considered during the third informal meeting, in the afternoon of 14 January 2003 (para. 4 above).

14. Following the discussion, GRPE agreed that even if the off-cycle technologies of heavy-duty vehicles and those of motorcycles were different, the principal problems and solutions were the same (especially the questions on how to implement and how to join it with the test cycle).

15. The Chairman of GRPE expressed his thanks for the report and the work done. He suggested that the Off-Cycle group should meet again in Geneva prior to the next GRPE session in May 2003 (para. 65 below).

16. Referring to the implementation of the 1998 Agreement and its programme of work adopted by WP.29 and the Executive Committee AC.3 (TRANS/WP.29/841, annex 4 and TRANS/WP.29/861, para. 115), the expert from the European Commission introduced informal documents Nos. 1 and 2 concerning the mandate and the terms of reference of a working group on a new test protocol for exhaust emissions from non-road mobile machinery in order to develop a global technical regulation (gtr).

17. GRPE agreed to establish a working group on the emissions from non-road mobile machinery (NRMM) in order to elaborate a transient test protocol as a basis for a draft gtr. Mr. De Santi (European Commission) was elected Chairman of the working group and Mr. G. Billi (EUROMOT) volunteered to take over the function of the Secretary of the group. Mr. De Santi pointed out his intention to organize a start up meeting of the NRMM group on 28 and 29 April 2003 in Frankfurt.

18. The Chairman of GRPE thanked Mr. De Santi and Mr. Billi for their commitment and wished the new informal group success in their future work. He invited the GRPE experts to take part in the meetings of the NRMM working group. The secretariat was requested to introduce

into the provisional annotated agenda of the forty-sixth session of GRPE an agenda item for the purpose of the exhaust emission test protocol of NRMM.

(d) World-Wide Harmonized Heavy-Duty OBD group (WWH-OBD)

Documentation: Informal document No. 16 of the annex to this report.

19. The Chairman of the WWH-OBD informal group, Mr. M. Odaka (Japan), briefed GRPE on the results of the second meeting held on 6 and 7 November 2002 in Paris, and the third meeting prior to the GRPE session, in the morning and afternoon of 13 January 2003 (para. 2 above). He introduced informal document No. 16 concerning the status report and results of both meetings. Mr. Odaka concluded that the group had made good progress, but was still considering two possible options for the design of WWH-OBD systems, as a tool for in-use conformity or for maintenance and repair purposes.

20. The experts from the United States of America, European Commission and Japan agreed that even both objectives could be achieved, but that they would not yet be in a position to decide on this subject.

21. The Chairman of GRPE thanked the group for the progress made by the WWH-OBD group and suggested to resume consideration on this subject at the next WWH-OBD meeting intended to be held in North-America (March 2003) and prior to the forty-sixth session of GRPE in Geneva (May 2003), using one half-day of the official session time (para. 65 below).

PARTICULATE MEASUREMENT PROGRAMME (PMP)

Documentation: Informal documents Nos. 7 and 15 of the annex to this report.

22. The Chairman of the PMP informal group, Mr. M. Dunne (United Kingdom), reported on the progress of the PMP research group on Phase II of the programme (informal document No. 15), and the results of the PMP meeting prior to the GRPE session, in the afternoon of 15 January 2003 (para. 7 above). He acknowledged the numerous presentations and fruitful contributions from the industry, various delegations and from the University of Bern. He pointed out the group's intention to finalize the Phase II work on the PMP methodology and expected that the report for all activities would be presented to GRPE at its next session in May 2003.

23. The expert from OICA introduced the industry comments on the proposed particulate measurement techniques (informal document No. 7) and mentioned that the full report can also be consulted or downloaded from the WP.29 website as well as from the following OICA website:

<http://www.oica.net/htdocs/Particulates/Particulates.htm>

With regard to the measurement test methods, he pointed out the dilemma of the new qualitative measurement method for research purposes and the conventional quantitative measurement method for type approval purposes. He stated that further research work on the particulate measurement would be necessary and confirmed that ACEA has already allocated a new budget for that purpose. He requested a wider and better cooperation between the governmental and industry research work.

24. GRPE welcomed the ACEA offer for an additional budget and agreed with the Chairman's statement that only a quantitative measurement method assuring the repeatability of

the test results could be the basis for a type approval or certification procedure. The Chairman acknowledged the contributions and the progress made by the PMP group, and suggested that the group should meet again before the forty-sixth session of GRPE (para. 65 below).

DEVELOPMENT OF A WORLDWIDE MOTORCYCLE EMISSION TEST CYCLE (WMTC)

Documentation: Informal documents Nos. 9 and 11 of the annex to this report.

25. The Chairman of the WMTC working group, Mr. C. Albus (Germany), informed GRPE about the results of the WMTC-FE expert meetings of 22 to 23 October 2002 in Ann Arbor (MI, United States of America) and of 13 January 2003 in Geneva (para. 6 above), as well as of the informal meeting of WMTC prior the GRPE session, in the morning of 15 January 2003 (para. 5 above). He introduced informal document No. 11 relating to the objective and the status report of the harmonized test procedure for motorcycle exhaust-emissions. The expert from Germany introduced informal document No. 9 containing the draft technical report of the WMTC group. With regard to the harmonized emission test procedure, he raised the open question of the vehicle classification in relation with their maximum vehicle speed. Mr. Albus presented a compromise solution for the vehicle classification based on the proposals by Germany, Italy, Japan, Switzerland and IMMA. He concluded that the WMTC working group considered even a further open question concerning the necessity of limit values in a global technical regulation (gtr).

26. Following the discussion on both open questions, GRPE agreed that the group should complete in a first step its work on the measuring method of the test cycle before considering in a second step the limit values, subject to confirmation by WP.29 and AC.3. The experts from Spain, Switzerland and the United States of America supported the WMTC Chairman's proposal for the vehicle classification, but the experts from Germany, Italy and Japan still raised a study reservation. The expert from the European Commission also supported the Chairman's proposal, but under the condition of the inclusion of an additional exemption rule, intended to be presented at the next GRPE session.

27. The Chairman of GRPE expressed his thanks for the report and work done by the group. As no common agreement could be found on the classification of the vehicles, GRPE agreed with the Chairman's suggestion to resume consideration of this subject either at the next WMTC-FE expert meeting intended to be held in March/April 2003 or at the next informal meeting of WMTC prior to the forty-sixth session of GRPE (para. 65 below).

AMENDMENTS TO ECE REGULATIONS

(a) Regulation No. 83 (Emissions of M1 and N1 categories of vehicles)

Documentation: TRANS/WP.29/GRPE/2003/7; informal document No. 8 of the annex to this report.

28. With regard to TRANS/WP.29/GRPE/2003/7, tabled by the expert from the United Kingdom in order to introduce some corrections to the provisions of the Regulation, GRPE adopted the document, not amended, and requested the secretariat to submit it, as a proposal for draft Corrigendum 2 to the 05 series of amendments to Regulation No. 83, for consideration to WP.29 and AC.1 at their June 2003 sessions.

29. The expert from the European Commission informed GRPE that the consolidation of the documents TRANS/WP.29/GRPE/2002/13, TRANS/WP.29/GRPE/2002/14 and TRANS/WP.29/GRPE/2002/15, adopted as amended during the forty-fourth GRPE session, was still in progress and was intended to be tabled for a final consideration to GRPE at its next session in May 2003 (see also para. 33).

30. Following the suggestion made during the one-hundred-and-twenty-seventh session of WP.29 (TRANS/WP.29/861, para. 132), the expert from OICA introduced informal document No. 8 proposing the deletion of the UNECE approval marking in Regulations Nos. 83 and 101. GRPE welcomed the proposal and agreed to consider this subject in detail during the next session. For that purpose, GRPE requested the secretariat to distribute at the forty-sixth GRPE session informal document No. 8 with an official symbol for each Regulation. OICA volunteered to prepare proposals for all concerned Regulations and to transmit them in due time to the secretariat in order to distribute the documents with official symbols, for consideration at the next GRPE session (note by the secretariat: see TRANS/WP.29/GRPE/2003/10 and TRANS/WP.29/GRPE/2003/11).

(b) Regulation No. 85 (Measurement of net power of M and N categories of vehicles)

Documentation: TRANS/WP.29/GRPE/2003/2.

31. The expert from Japan introduced TRANS/WP.29/GRPE/2003/2 proposing the alignment of the provisions of the Regulation with those of the ISO standards and the corresponding EU Directive.

32. GRPE adopted the proposal, not amended, and requested the secretariat to submit the document as a proposal for draft Supplement 3 to Regulation No. 85, for consideration to WP.29 and AC.1 at their June 2003 sessions.

(c) Regulation No. 103 (Replacement catalytic converters)

33. The expert from the European Commission informed GRPE that the question concerning differing interpretation of requirements of UNECE Regulations by approval authorities of various Contracting Parties was still under discussion and that a proposal would be tabled to GRPE for consideration at its next session.

34. GRPE agreed with the Chairman's suggestion to resume consideration of this issue at the forty-sixth session of GRPE, in May 2003.

(d) Regulation No. 110 (Specific components for CNG)

Documentation: TRANS/WP.29/GRPE/2002/5; TRANS/WP.29/GRPE/2003/3; TRANS/WP.29/GRPE/2003/4; informal document No. 18 of the annex to this report.

35. GRPE considered the consolidated document TRANS/WP.29/GRPE/2003/3, prepared by the secretariat. The expert from Italy presented TRANS/WP.29/GRPE/2003/4 proposing new provisions for a manual valve device. With regard to TRANS/WP.29/GRPE/2002/5 (TRANS/WP.29/GRPE/44, para. 42) the expert from the Netherlands withdrew his study reservation on paragraph 3.5.3.2.

36. GRPE adopted documents TRANS/WP.29/GRPE/2002/5, TRANS/WP.29/GRPE/2003/3 and TRANS/WP.29/GRPE/2003/4, all not amended. The secretariat was requested to prepare a consolidated document (informal document No. 18) and to submit it as a proposal for draft Supplement 2 to Regulation No. 110, for consideration to WP.29 and AC.1 at their June 2003 sessions.

REPLACEMENT CATALYTIC CONVERTERS FOR VEHICLES WITH OBD

37. This subject was not discussed (for the same reason as mentioned in para. 33) and GRPE agreed to resume its consideration at the forty-sixth GRPE session, in May 2003.

APPLICATION OF ECE REGULATIONS TO HYBRID VEHICLES

Documentation: TRANS/WP.29/GRPE/2003/5.

38. The expert from France, Mrs. B. Lopez, chairing the informal group on hybrid vehicles, presented TRANS/WP.29/GRPE/2003/5 as a result of the group's effort to insert into Regulation No. 83 the provisions for the type approval of hybrid vehicles. She informed GRPE that the informal group would meet again in March 2003 and that the results of this meeting would be presented at the next GRPE session.

39. GRPE adopted TRANS/WP.29/GRPE/2003/5 and requested the secretariat to submit the document as a proposal for a draft Supplement 3 to the 05 series of amendments to Regulation No. 83, for consideration to WP.29 and AC.1 at their June 2003 sessions.

40. The Chairman thanked the informal group for the good progress made and suggested to resume consideration of this subject at the forty-sixth GRPE session in May 2003.

HYDROGEN / FUEL CELL – VEHICLES 1/

Documentation: Informal documents Nos. 3 and 4 of the annex to this report.

41. Mr. Ch. Albus (Germany), chairing the informal group on hydrogen / fuel cell - vehicles, gave to GRPE a report of the results of the fourth meeting of the group on 14 and 15 November 2002 in Cologne and on the status of the group's proposal (informal document No. 3) of a new draft Regulation on hydrogen fuelled vehicles. With regard to the outstanding issues of the group, he introduced informal document No. 4 concerning the provisions relating to the performance of hydrogen container(s) made from materials other than metal.

42. The Chairman advised GRPE that all provisions in the Regulations have to be specified with full technical precision. He informed GRPE that the general introduction into the UNECE Regulations of derogatory provisions permitting the type approval of vehicles equipped with new innovative technologies was still under consideration by WP.29.

1/ At the request of WP.29, the informal group agreed at the forty-fourth GRPE session to include to their agenda consideration issues on fuel cells (TRANS/WP.29/GRPE/44, para. 50).

43. GRPE agreed that such provisions should in the meantime only be included as a footnote and that this issue should be submitted to WP.29 for advice. With regard to the new draft Regulation (informal document No. 3), the informal group was requested to submit to the secretariat, after the next informal meeting intended to be held in February 2003, their final proposal in order to be distributed with an official symbol at the next GRPE session in May 2003.

44. The Chairman of GRPE suggested to address the consideration on new innovative technologies' procedure during the next WP.29 session in March 2003 and, for that purpose, requested all participants to inform their colleagues in industry and Governments, involved in WP.29, about the urgency and importance to find an appropriate solution to this subject. He thanked the informal group for the work done and suggested to resume its consideration at the next GRPE session in May 2003.

ENVIRONMENTALLY FRIENDLY VEHICLES (EFVs)

45. The expert from Japan referred to his announcement, during the forty-fourth GRPE session, concerning the follow-up of the Ministerial Conference on Transport that had been held in Tokyo in January 2002 and informed GRPE on the main issues of the next EFV International Conference, to be held in Tokyo, on 23 and 24 January 2003. Recalling the excellent relationship of the EFV International Conference and WP.29, he invited the Chairman and all GRPE participants to take part in this event.

46. The Chairman expressed his thanks for the invitation and confirmed his support and his participation in that Conference as Chairman of WP.29 and GRPE. The experts from the United States of America and from the European Commission confirmed the high importance of this subject and the participation of their institutions at the Conference. The experts from Canada, France, Germany, Italy and the United Kingdom also confirmed their support and active participation at the Conference.

47. GRPE acknowledge the efforts of the Japanese Government in the promotion of the development of new vehicle technologies and agreed to start its consideration at the next GRPE session in May 2003, based on the results of the Tokyo Conference.

EXCHANGE OF INFORMATION ON NATIONAL AND INTERNATIONAL REQUIREMENTS ON EMISSIONS

Documentation: Informal documents Nos. 6, 10 and 13 of the annex to this report.

48. GRPE took note of informal document No. 6 concerning the entering into force of the Swiss guideline on "Air pollution control at construction sites" and informal document No. 10 by Japan relating to "Ultra-low PM Emission Diesel Vehicle Certification System Launched".

49. The expert from South Africa welcomed informal document No. 13, tabled by the United States of America, concerning the numerous registration of partnerships for cleaner fuels and vehicles in order to eliminate the use of lead in automotive fuel worldwide and to reduce sulphur in gasoline and diesel fuels, while concurrently adopting clean vehicle technology requirements. GRPE strongly endorsed his position and assessed the partnership as a valuable contribution to the World Summit on Sustainable Development in Johannesburg, South Africa, in August/September 2002.

OTHER BUSINESS

(a) Evolution of fuel quality

Documentation: TRANS/WP.29/GRPE/2003/6.

50. The expert from OICA introduced TRANS/WP.29/GRPE/2003/6 proposing the alignment of the provisions in Regulation No. 83 with those in EU Directive 98/77/EC.

51. The experts from Poland and the Russian Federation raised their objections to the paragraphs 8.2.7.3.1. and 11.1.6.4., and requested some clarifications to the text.

52. GRPE supported in general the intention of the proposal and agreed to resume consideration at the next GRPE session in May 2003.

53. The expert from OICA volunteered to prepare a revised document for that purpose and informed GRPE that the automotive industry has recently revised its World-Wide Fuel Charter including specifications for fuels and recommendations on sulphur-free fuels for the advanced technology vehicles. He stated his intention to provide the secretariat with copies of the revised World-Wide Fuel Charter for distribution.

(b) Proposal for an administrative provision allowing to declare compliance with an obsolete version of a Regulation

Documentation: TRANS/WP.29/GRPE/2003/8; informal document No. 14 of the annex to this report.

54. The expert from France presented TRANS/WP.29/GRPE/2003/8 proposing a declaration, on the basis of Regulation No. 83, which would permit the Contracting Parties to certify compliance of vehicles or their equipment with the requirements of an obsolete version of the Regulation. He noted that, at the present time, the procedure would also apply to Regulation No. 49 and that it should even be extended to Regulations Nos. 10, 12, 14, 17, 18, 22, 40, 51, 80 and 96.

55. The expert from the Russian Federation introduced informal document No. 14 concerning the transitional provisions of Regulations Nos. 49 and 83. He raised his concerns on some eventual juridical problems relating to the entering into force of new requirements and their official publishing.

56. Following the discussion, GRPE adopted TRANS/WP.29/GRPE/2003/8, not amended, and requested the secretariat to submit it as a draft proposal for delivering a declaration to WP.29 and AC.1, for consideration at their June 2003 sessions.

57. In order to adapt all other Regulations concerned by this subject, the Chairman invited GRPE to prepare analogous proposals and stated his intention to inform also WP.29 and its other subsidiary bodies.

(c) Regulation No. 67 (Equipment for liquefied petroleum gas)

Documentation: TRANS/WP.29/GRPE/2003/9.

58. The expert from the Netherlands introduced TRANS/WP.29/GRPE/2003/9 proposing a clarification to the provisions of the Regulation.

59. GRPE adopted the proposal with the following correction to paragraph 2.3.6.2.2. of the French version of TRANS/WP.29/GRPE/2003/9:

"2.3.6.2.2. Interprétation des résultats

...

... doit pouvoir supporter une pression égale à **85** % de la pression de rupture"

60. GRPE requested the secretariat to transmit the adopted document (para. 59), as a proposal for draft Corrigendum 3 to Supplement 2 to the 01 series of amendments to Regulation No. 67, to WP.29 and AC.1 for consideration at their June 2003 sessions.

(d) Regulation No. 96 (Off-road engines)

Documentation: Informal document No. 5 of the annex to this report.

61. The expert from Italy introduced informal document No. 5 proposing the alignment of the definition of "net power" in Regulation No. 96 with the definition specified in the new draft Regulation on the measurement of the net power, net torque and specific fuel consumption of internal combustion engines for agricultural and forestry tractors and non-road mobile machinery. The experts from CEMA and EUROMOT supported the proposal.

62. GRPE agreed to resume consideration at its next GRPE session. For that purpose, the secretariat was requested to distribute informal document No. 5 with an official symbol (note by the secretariat: see TRANS/WP.29/GRPE/2003/12).

(e) Tributes to Mr. V. Volak (Czech Republic) and Mr. V. Kamenev (Russian Federation)

63. Learning that Mr. V. Volak, representing the Czech Republic and Mr. V. Kamenev, representing the Russian Federation, would no longer attend the GRPE sessions, the Chairman acknowledged their fruitful contributions during all the years of their activities in GRPE and wished both of them all the best for their future activities.

64. The Chairman welcomed in GRPE Mr. S. Aleshin, the expert from Russian Federation, and Ms. J. Held, the expert from Germany.

AGENDA FOR THE NEXT SESSION

65. For the forty-sixth session of GRPE to be held in Geneva, Palais des Nations, GRPE decided to start on Monday, 19 May 2003, 09.30 h until Friday, 23 May 2003, 12.30 h. For that purpose, the secretariat suggested the following agenda:

(a) Informal meeting of the GRPE working group on Off-Cycle emissions (Off-Cycle)

To be held on Monday, 19 May 2003, from 09.30 h till 12.30 h. The agenda of the meeting will be prepared by the Off-Cycle group secretariat and distributed to the members of the group prior to the meeting. Note by the secretariat: This informal meeting will be held without interpretation.

(b) Informal meeting of the GRPE Particle Measurement Programme (PMP)

To be held on Monday, 19 May 2003, from 14.30 h till 17.30 h. The agenda of the meeting will be prepared by the PMP group secretariat and distributed to the members of the group prior to the meeting. Note by the secretariat: This informal meeting will be held without interpretation. The experts agreed to hold a PMP preparation meeting in the morning prior to this meeting.

(c) Informal meeting of the GRPE working group on the world-wide motorcycle emission test cycle (WMTC)

To be held on Tuesday, 20 May 2003, from 09.30 h till 12.30 h. The agenda of the meeting will be prepared by the WMTC group secretariat and distributed to the members of the group prior to the meeting. Note by the secretariat: This informal meeting will be held without interpretation.

(d) Informal meeting of the GRPE working group on world-wide harmonized heavy-duty on-board diagnostics (WWH-OBD)

To be held on Tuesday, 20 May 2003, from 14.30 h till 17.30 h. The agenda of the meeting will be prepared by the WWH-OBD group secretariat and distributed to the members of the group prior to the meeting. Note by the secretariat: The experts agreed to hold a WWH-OBD preparation meeting in the morning prior to this meeting.

(e) Informal meeting of the GRPE working group on the world-wide heavy-duty certification procedure (WHDC)

To be held on Wednesday, 21 May 2003, from 09.30 h till 17.30 h. The agenda of the meeting will be prepared by the WHDC group secretariat and distributed to the members of the group prior to the meeting.

(f) Forty-sixth session of the GRPE proper

To be held Thursday, 22 May 2003, from 09.30 h to Friday, 23 May 2003, until 12.30 h 2/:

1. Regulation No. 49 (Emissions of C.I., NG, and P.I. (LPG) engines)
 - 1.1. Transitional provisions for the entry into force of new requirements
 - 1.2. Development of the emission testing procedure (WHDC)
 - 1.3. Off-Cycle emissions
 - 1.4. On-board diagnostics for heavy-duty vehicles (WWH-OBD)
2. Particle Measurement Programme (PMP)
3. Development of a worldwide motorcycle emission test cycle (WMTC)
4. Exhaust emissions test protocol of Non-Road Mobile Machinery (NRMM)
5. Amendments to ECE Regulations
 - 5.1. Regulation No. 83 (Emissions of M1 and N1 categories of vehicles)
 - 5.2. Regulation No. 96 (Off-road engines)
 - 5.3. Regulation No. 101 (Emissions of carbon dioxide and fuel consumption)
 - 5.4. Regulation No. 103 (Replacement catalytic converters)
6. Replacement catalytic converters for vehicles with OBD
7. Application of ECE Regulations to hybrid vehicles
8. Hydrogen / fuel cell - vehicles
9. Environmentally Friendly Vehicles
10. Exchange of information on national and international requirements on emissions 3/
11. Election of Officers
12. Other business
 - 12.1. Evolution of fuel quality
 - 12.2. Proposal for an administrative provision allowing to declare compliance with an obsolete version of a Regulation

2/ As part of the secretariat's efforts to reduce expenditure, all the official documents as well as the informal documents distributed prior to the session, by mail or placed on the UNECE WP.29 web-site, will not be available in the conference room for distribution to session participants. Delegates are kindly requested to bring their copies of documents to the meeting. (The WP.29 website address is: <http://www.unece.org/trans/main/welcwp29.htm> select GRPE and find "working documents" as well as "informal documents").

3/ Delegations are invited to submit brief written statements on the latest status in national requirements and, if necessary, to supplement this information orally.

Annex

LIST OF INFORMAL DOCUMENTS DISTRIBUTED WITHOUT A SYMBOL DURING THE SESSION

No.	Transmitted by	Agenda item	Language	Title
1.	European Commission	1.3.	E	Proposal for a charter for the working group on a new test protocol for exhaust emissions from non-road mobile machinery
2.	European Commission	1.3.	E	Working group on a new test protocol for exhaust emissions from non-road mobile machinery (draft work plan)
3.	D/EIHP	7.	E	Proposal for a new draft Regulation for vehicles using liquid hydrogen
4.	D/EIHP	7.	E	Status report about informal group on Hydrogen / Fuel Cell - Vehicles
5.	Italy	10.4.	E	Proposal for an amendment to Regulation No. 96-01
6.	Switzerland	9.	E	Entering into force of the Swiss guideline on "Air Pollution Control at Construction Sites"
7.	OICA	2.	E	Industry comments on proposed particulate measurement techniques (OICA contribution to PMP)
8.	OICA	4.1.	E	Proposal for collective amendments to Regulations Nos. 83 and 101
9.	Germany	3.	E	Draft technical report of WMTC working group
10.	Japan	9.	E	Ultra-low PM emission diesel vehicle certification system launched
11.	Germany/ IMMA	3.	E	WMTC-Harmonized test procedure and gtr development for a motorcycle exhaust-emissions certification procedure
12.	United States of America	1.3.	E	Off-Cycle working group: Minutes of the second plenary meeting on 8 November 2002
13.	United States of America	9.	E	Partnership for cleaner fuels and vehicles – World summit on sustainable development, Johannesburg, South-Africa, 2002
14.	Russian Federation	10.2.	E/R	Concerning transitional provisions of Regulations Nos. 49 and 83
15.	United Kingdom	2.	E	Particle Measurement Programme (PMP) – Progress report: Phase II
16.	Japan	1.4.	E	Onboard diagnostics for heavy duty vehicles (WWH-OBD): 45th session of GRPE – Status report
17.	Netherlands	1.2.	E	Worldwide Harmonized Heavy Duty Emissions Certification Procedure (WHDC): Summary report
18.	Secretariat	4.4.	E	Proposal for draft amendments to Regulation No. 110